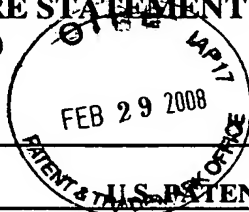


**Form PTO-1449 (Substitute) U.S. Department of Commerce
Patent and Trademark Office**
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)


Application Number	10/821,710
Filing Date	April 8, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Schnizer, Richard A.
Attorney Docket No.	0763/74768-BAA- PCT-US/JPW/GJG/JRM

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	1	3,931,397	01-06-1976	Harnden
	2	4,130,641	12-19-1978	Ts'o et al.
	3	4,283,393	08-11-1981	Field et al.
	4	4,469,863	09-04-1984	Ts'o et al.
	5	4,605,394	08-12-1986	Skurkovich
	6	4,689,320	08-25-1987	Kaji et al.
	7	4,629,320	12-16-1986	Lersmacher et al.
	8	5,024,938	06-18-1991	Nozaki et al.
	9	5,173,410	12-22-1992	Ahlquist
	10	5,198,346	03-30-1993	Ladner
	11	5,365,015	11-15-1994	Grierson et al.
	12	5,434,070	07-18-1995	Inouye et al.
	13	5,405,775	04-11-1995	Inouye et al.
	14	5,453,566	09-26-1995	Shewmaker et al.
	15	5,474,935	12-12-1995	Chatterjee et al.
	16	5,496,698	03-05-1996	Draper
	17	5,530,192	06-25-1996	Murase et al.
	18	5,580,767	12-03-1996	Cowsert et al.
	19	5,597,718	01-28-1997	John et al.
	20	5,643,762	07-01-1997	Ohshima et al.
	21	5,683,985	11-04-1997	Chu et al.
	22	5,691,140	11-25-1997	Noren et al.
	23	5,693,773	12-12-1997	Kandimalla et al.
	24	5,739,309	05-14-1998	Dattagupta et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

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Applicants : Michael Wayne Graham et al. **Exhibit A**
U.S. Serial No. : 10/821,710
Filed : April 8, 2004

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Document Number Number-Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	25	5,747,308	05-05-1998	Bebbington et al.
	26	5,747,338	05-05-1998	Giese et al.
	27	5,795,715	08-18-1998	Livache et al.
	28	5,801,154	09-01-1998	Baracchini et al.
	29	5,808,036	09-15-1998	Kool
	30	5,850,026	12-15-1998	DeBonte et al.
	31	5,859,347	01-12-1999	Brown et al.
	32	5,874,555	02-23-1999	Dervan et al.
	33	5,891,855	04-06-1999	Florkiewicz
	34	5,908,779	06-01-1999	Carmichael et al.
	35	5,972,704	10-26-1999	Draper et al.
	36	6,010,908	01-04-2000	Gruenert et al.
	37	6,022,863	02-08-2000	Peyman
	38	6,069,298	05-30-2000	Gengenbach et al.
	39	6,133,024	10-17-2000	Helene et al.
	40	6,225,290	05-01-2001	German et al.
	41	6,291,504	09-18-2001	Nugeil et al.
	42	6,350,575	02-26-2002	Lusky et al.
	43	6,369,038	04-09-2002	Blumenfeld et al.
	44	6,372,965	04-16-2002	Lightner et al.
	45	6,531,647	03-11-2003	Baulcombe et al.
	46	6,610,321	08-26-2003	Huang et al.
	47	6,635,805	10-21-2003	Baulcombe et al.
	48	6,849,448	02-01-2005	D'Apice

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Foreign Patent Document Country Code³ Number⁴ Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T⁶

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	Art Unit	1635
	Examiner Name	Schnizer, Richard A.
	Attorney Docket No.	0763/74768-BAA- PCT-US/JPW/GJG/JRM

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	49	5,939,600	08-17-1999	Goldbach et al.
	50	5,952,546	09-14-1999	Bedbrook et al.
	51	6,150,585	11-21-2000	Goldbach et al.
	52	7,064,185	06-20-2006	Lau
	53	7,138,565	11-21-2006	Waterhouse
	54	2002/0150986	10-17-2002	Lau
	55	2002/0168707	11-14-2002	Graham
	56	2003/0061626	13-27-2003	Plaetinck et al.
	57	2003/074684	04-17-2003	
	58	2004/0022748	02-05-2004	Ananthapadmanabhan et al.
	59	2004/0064842	04-01-2004	Graham et al.
	60	2004/0237145	11-25-2004	Graham et al.
	61	2004/0138168	07-15-2004	Satishchandran et al.
	62	2005/0250208	11-10-2005	
	63	2005/0251877	11-10-2005	
	64	2006/0014715	01-19-2006	
	65	09/100,813	06-19-1998	
	66	09/100,813 (including file history)	06-19-1998	
	67	09/373,720	08-13-1999	
	68	09/646,807	12-05-2000	Graham et al.
	69	10/571,384	09-10-2004	
	70	11/218,999	09-02-2005	
	71	2003-0074684	04-17-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	72	2006-0178335	08-10-2006	
	73	2004-0214330	10-28-2004	
	74	2007-0078105	04-04-2007	
	75	2002-0150968	10-17-2002	
	76	2007-0056057	03-08-2007	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	77	AU PP2492	03-20-1998		
	78	AU PP2499	03-20-1998		
	79	AU 729454	05-22-1998		
	80	AU 20891/91	10-1997		
	81	AU 20891/97	10-1997		
	82	AU 2001195225	01-31-2002		
	83	CA 2012312	09-16-1990		
	84	CA 2370628	09-26-2000		
	85	EP 0213931	03-11-1987		
	86	EP 0223399	05-05-1987		
	87	EP 0240208	10-07-1987		
	88	EP 0281380	09-07-1988		
	89	EP 0286224	10-12-1998		
	90	EP 0300680	01-25-1989		
	91	EP 0303516	02-15-1989		

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	92	EP 0306347	03-08-1989		
	93	EP 0308066	03-22-1989		
	94	EP 0318281	05-31-1989		
	95	EP 0325018	07-26-1989		
	96	EP 0347501	12-27-1989		
	97	EP 0350151	01-10-1990		
	98	EP 0467349	01-22-1992		
	99	EP 0647715	04-12-1995		
	100	EP 0983370	03-08-2000		
	101	EP 0779364	06-18-1997		
	102	EP 0522880	01-13-1993		
	103	EP 0213921	03-11-1997		
	104	EP 0426195	10-17-2001		
	105	EP 0458367	10-17-2001		
	106	JP H09-110894	04-28-1997		
	107	JP H09-227413	09-02-2007		
	108	GB 2353282A-A	02-21-2001		
	109	GB 2377221	09-27-2001		
	110	WO 89/05852	06-29-1989		
	111	WO 89/10396	11-02-1989		
	112	WO 90/12094	10-18-1990		
	113	WO 90/12488	11-01-1990		

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	114	WO 90/14090	11-29-1990		
	115	WO 91/16426	10-31-1991		
	116	WO 91/16440	10-31-1991		
	117	WO 92/04456	03-19-1992		
	118	WO 92/13070	08-06-1992		
	119	WO 92/18522	10-29-1992		
	120	WO 92/18625	10-09-1997		
	121	WO 92/17596	10-15-1992		
	122	WO 92/21757	12-10-1992		
	123	WO 93/10251	05-27-1993		
	124	WO 94/17194	08-04-1994		
	125	WO 94/29465	12-22-1994		
	126	WO 2003/076619	09-18-2003		
	127	WO 95/03406	02-02-1995		
	128	WO 95/15378	06-08-1995		
	129	WO 95/18223	07-06-1995		
	130	WO 95/18854	07-13-1995		
	131	WO 95/34668	12-21-1995		
	132	WO 95/35706	11-14-1996		
	133	WO 97/10360	03-20-1997		
	134	WO 97/13865	04-17-1997		
	135	WO 97/16559	05-09-1997		
	136	WO 97/44460	11-27-1997		

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	149	Abdurashitov, M.A., et al. (1997) "BstAPI, an ApaBi Isochizomer, Cleaves DNA at 5'-GCANNNTGC-3'," Nucleic Acids Res., vol. 25, no. 12, pp.2301-2302	
	150	Advisory Action issued February 15, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	151	Advisory Action issued September 14, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	152	Advisory Action issued July 20, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	153	Advisory Action issued April 11, 2002, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	154	Agrawal, S. (1996) "Antisense oligonucleotides: towards clinical trials," Trends Biotechnol. 14(10):376-87	
	155	Akgün, E., et al. (1997) "Palindrome resolution and recombination in the mammalian germ line," Mol. Cell. Biol. 17(9):5559-70	
	156	Akhtar, S., and Rossi, J.J. (1996) "Anti-HIV therapy with antisense oligonucleotides and ribozymes: realistic approaches or expensive myths?" J. Antimicrob. Chemother. 38(2):159-65	
	157	Amendment submitted November 10, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	158	Amendment submitted November 12, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	159	Amendment submitted April 29, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	160	Amendment submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	161	Amendment submitted October 17, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	

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	162	Amendment submitted December 18, 2002 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	163	Amendment submitted January 17, 2003 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	164	Amendment submitted October 17, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	165	Amendment submitted March 25, 2003 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	166	Amendment submitted September 8, 2003 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	167	Amendment submitted October 22, 2004 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	168	Amendment submitted December 7, 2004 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	169	Amendment submitted December 15, 2004 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	170	Amendment submitted December 15, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	171	Amendment submitted March 10, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	172	Amendment submitted April 29, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	173	Amendment submitted April 7, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	174	Amendment submitted July 13, 2005, including Terminal Disclaimer in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	

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	175	Amendment submitted August 29, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	176	Amendment submitted November 4, 2005 in connection with U.S. Serial No. 10/282,996, filed October 30, 2002	
	177	Amendment submitted November 14, 2005 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	178	Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	179	Amendment submitted December 27, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	180	Amendment submitted December 27, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	181	Amendment submitted April 7, 2006 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	182	Amendment submitted June 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	183	Amendment submitted June 22, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	184	Amendment submitted July 24, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	185	Amendment submitted August 11, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	186	Amendment submitted October 31, 2006 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	
	187	Amendment submitted November 20, 2006 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	188	Amendment submitted November 30, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	

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Application Number	10/821,710
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Art Unit	1635
Examiner Name	Schnizer, Richard A.
Attorney Docket No.	0763/74768-BAA- PCT-US/JPW/GJG/JRM

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	189	Amendment submitted December 14, 2006 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	190	Amendment submitted December 22, 2006 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	191	Amendment submitted December 27, 2006 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	192	Amendment submitted December 29, 2006 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	
	193	Amendment submitted December 28, 2006, including pending claims in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	194	Amendment submitted February 8, 2007 in connection with U.S. Serial No. 10/571,384, filed as a §371 national stage of PCT International Application No. PCT/AU2004/01237	
	195	Amendment submitted February 21, 2007 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	
	196	Amendment submitted February 22, 2007 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	197	Amendment submitted February 28, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	198	Amendment submitted February 28, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	199	Amendment submitted August 3, 2007 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	200	Amendment submitted July 12, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	201	Amendment submitted July 25, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	

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	202	Amendment submitted August 2, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
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	204	Amendment submitted October 18, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	205	Amendment submitted October 25, 2007 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	
	206	Amendment submitted October 29, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	207	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	208	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	209	Amendment submitted October 31, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	210	Amendment issued January 24, 2008 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	211	Agami et al. (2002) "RNAi and Related Mechanisms And Their Potential Use For Therapy" Current Opinion in Chemical Biology 6:829-834	
	212	"Table of animal viruses inactivated by RNAi, footnotes for individual viruses are provided" as Annex B of Statement setting out the Grounds of Appeal dated November 11, 2005, filed in EP 99 910 039.9	
	213	"References" as Annex C of Statement setting out the Grounds of Appeal dated November 11, 2005, filed in EP 99 910 039.9	
	214	"Summary of the Construction of pAM320" as Annex D of Statement setting out the Grounds of Appeal dated November 11, 2005, filed in EP 99 910 039.9	
	215	Appeal against decision to refuse a European patent application issued July 11, 2005, filed in EP 99 910 039.9	

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	216	Appeal No. T1491/05-3308, issued April 24, 2007, Technical Board of Appeal of the European Patent Office	
	217	Bahner, I. et al. (1996) "Transduction of human CD34+ hematopoietic progenitor cells by a retroviral vector expressing an RRE decoy inhibits human immunodeficiency virus type 1 replication in myelomonocytic cells produced in long-term culture," J. Virol. 70(7):4352-60	
	218	Barbeau, B., et al. (1996) "Characterization of the human and mouse Fli-1 promoter regions," Biochim. Biophys. Acta 1307(2):220-32	
	219	Barry et al. (1993) "Methylation induced premeiotically in ascobolus: coextension with DNA repeat lengths and effect on transcript elongation" Proc. Natl. Acad. Sci. 90:4557-4561	
	220	Baum, E.Z., and Ernst, V.G. (1983) "Inhibition of protein synthesis in reticulocyte lysates by a double-stranded RNA component in HeLa mRNA," Biochem. Biophys. Res. Commun. 114(1):41-9	
	221	Becker, W.M., and Deamer, D.W. (1991) "The World of the Cell," pp. 474 to 477 (The Benjamin/Cummings Publishing Company, Inc., Redwood City, California, pub.)	
	222	Blomberg et al. (1990) "Control of Replication of Plasmid R1: the Duplex Between the Antisense RNA, CopA and its Target, CopT, is Processed Specifically in vivo and in vitro by Rnase III" The EMBO Journal 9:2331-2340	
	223	Bigler, J., and Eisenman, R.N. (1995) "Novel location and function of a thyroid hormone response element," EMBO J. 14(22):5710-23	
	224	Birchler, J. A. (2000) "Making noise about silence: repression of repeated genes in animals" Current Opinion in Genetics & Development 10:211-216	
	225	Bisat, F., et al. (1988) "Differential and cell type specific expression of murine alpha-interferon genes is regulated on the transcriptional level," Nucl. Acids Res. 16(13):6067-83	
	226	Bramlage et al. (1998) "Designing Ribozymes for the Inhibition of Gene Expression," TIBTECH, 16:434-438	
	227	Branch, A.D. (1998) "A good antisense molecule is hard to find," Trends Biochem. Sci. 23(2):45-50	

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	228	Brantl et al. (1991) "Copy Number Control of the Streptococcal Plasmid plP501 Occurs at Three Levels" Nucleic Acids Research 20:395-400	
	229	Braun and Hemenway (1992) "Expression of Amino-Terminal Portions or Full-Length Viral Replicase Genes in Transgenic Plants Confers Resistance to Potato Virus X Infection" Plant Cell 4:735-744	
	230	Brederode et al. (1995) "Replicase-Mediated Resistance to Alfalfa Mosaic Virus" Virology 207:467-474	
	231	Brown, D.T., and Sittman, D.B. (1993) "Identification through overexpression and tagging of the variant type of the mouse H1e and H1c genes," J. Biol. Chem. 268(1):713-8	
	232	Brussian, J.A. et al., (1993) "An Arabidopsis Mutant with a Reduced Level of cab140 RNA is a Result of Cosuppression" The Plant Cell, American Society of Plant Physiologists, Rockville, MD, USA, 5:667-677	
	233	Buchan, K.W., et al. (1994) "Characterization of three non-peptide endothelin receptor ligands using human cloned ETA and ETB receptors," Br. J. Pharmacol. 112(4):1251-7	
	234	Berns, K., et al. (2004) "A large-scale RNAi screen in human cells identifies new components of the p53 pathway," Nature 428:431-437	
	235	Bussey, H., et al. (2006) "From worm genetic networks to complex human diseases" Nat. Genet. 38(8):862 - 863	
	236	Byzova et al. (2004) "Transforming Petals Into Sepaloid Organs in Araidopsis and Oilseed Rape: Implementation of the Hairpin RNA Mediated Gene Silencing Technology in an Organ-Specific Manner" Planta 218:379-87	
	237	Cameron et al. (1989) "Specific Gene Supression by Engineered Ribozymes in Monkey Cells" Proc. Natl. Acad. Sci. USA 86:9139-9143	
	238	Caplen et al. (2002) "A New Approach to the Inhibition of Gene Expression" Trends In Biotechnology 20:49-51	
	239	Carr et al. "Resistance to Tobacco Mosaic Virus Induced by the 54-k Da Gene Sequence Requires Expression of the 54-k Da Protein" Mol. Plant-Micorb. Interact 5:397-404	

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	240	Chen et al. (2003) "Temporal and Spatial Control of Gene Silencing in Transgenic Plants by Inducible Expression of Double Stranded RNA" The Plant Journal 36:731-40	
	241	Chernajovsky, Y., et al. (1996) "Human kinesin light (beta) chain gene: DNA sequence and functional characterization of its promoter and first exon," DNA Cell Biol. 15(11):965-74	
	242	Christy, R.J., and Huang, R.C. (1988) "Functional analysis of the long terminal repeats of intracisternal A-particle genes: sequences within the U3 region determine both the efficiency and direction of promoter activity," Mol. Cell. Biol. 8(3):1093-102	
	243	Clusel, C., et al. (1993) "Ex vivo regulation of specific gene expression by nanomolar concentration of double-stranded dumbbell oligonucleotides," Nucleic Acids Res. 21(15):3405-11	
	244	Clusel, C., et al. (1995) "Inhibition of HSV-1 proliferation by decoy phosphodiester oligonucleotides containing ICP4 recognition sequences," Gene Expr. 4(6):301-9	
	245	Cogoni, C., et al. (1997) "Isolations of Quelling-Defective (qde) Mutants Impaired in Posttranscriptional Transgene-Induced Gene Silencing in Neurospora Crassa" PNAS 94(19): 10233-10238	
	246	Coleman, J., et al. (1984) "The use of RNAs complementary to specific mRNAs to regulate the expression of individual bacterial genes" Cell 37:429-436	
	247	Communication issued February 17, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	248	Communication issued October 27, 2005 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	249	Communication submitted April 3, 2000 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	250	Communication submitted August 2, 2005 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	

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	251	Communication submitted March 6, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	252	Communication issued December 3, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	253	Communication issued March 25, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	254	Communication issued April 2, 2007 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	255	Communication issued August 21, 2001 in connection with U. S. Serial No. 09/287,632, filed April 7, 1999	
	256	Communication submitted May 18, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	257	Communication issued July 21, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	258	Communication issued June 2, 1999 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	259	Communication submitted September 21, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	260	Covey et al. (1997) "Plants Combat Infection by Gene Silencing," Nature 385:781-782	
	261	Citron et al. (1990) "The c4 Repressors of Bacteriophages P1 and P7 Are Antisense RNAs" Cell 62:591-598	
	262	Dale et al. (1990) "Intra-and Intermolecular Site-Specific Recombination in Plant Cells Mediated by Bacteriophage P1 Recombinase" Gene 91:79-85	
	263	Davis, BM et al. (1997) "Expansion of a CUG trinucleotide repeat in the 3' untranslated region of myotonic dystrophy protein kinase transcripts results in nuclear retention of transcripts," Proc. Natl. Acad. Sci. USA 94:7388-7393	

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	264	Denoya et al. (1986) "Translational Autoregulation of ermC 23S rRNA Methyltransferase Expression in Bacillus subtilis" Journal of Bacteriology 113-1141	
	265	Decision of United States Court of Appeals for the Federal Circuit in <i>Benitec Australia Ltd. v. Nucleonics, Inc.</i>	
	266	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 23, 2004 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	267	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	268	Decision on Petition to Make Special Under 37 CFR 1.102(d) submitted July 27, 2004 in connection with U.S. Serial No. 10/346,853, filed January 17, 2003	
	269	Decision on Petition to Make Special Under 37 CFR 1.102(d) issued July 28, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	270	Decision Merging Reexamination Proceedings mailed October 26, 2006 in connection with each of U.S. Reexamination Nos. 90/007,247, filed October 4, 2004, and 90/008,096, filed May 18, 2006	
	271	Decision on Petition for Extension of Time [37 CFR 1.550(c)] mailed October 31, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	272	Decision on Petition for Extension of Time [37 CFR 1.550(c)] issued April 13, 2007 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
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	274	Decision to refuse a European patent application dated July 11, 2005, filed in EP 99 910 039.9	
	275	Declaration of Michael Wayne Graham submitted April 29, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	

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	277	Declaration of Michael Wayne Graham submitted September 26, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	278	Declaration of Michael Graham Under 37 C.F.R. § 1.132 included with the Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	279	Declaration [of Michael Graham, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted June 12, 2006 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	280	Declaration [of Kenneth Reed, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted April 24, 2007 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	281	Declaration of Dr. Marc De Block Under 37 C.F.R. §1.132, including Annexes 1 and 2 submitted August 8, 2007, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	282	Declaration of Dr. Elizabeth Salisbury Dennis Under Under 37 C.F.R. §1.132, including Exhibits 1 to 14 submitted August 8, 2007 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	283	Declaration [of Michael Graham, Ph.D.] Under 37 C.F.R. § 1.131 included with the Amendment submitted April 24, 2007 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	284	DeCoy, D.L., et al. (1995) "Anti sense DNA down-regulates proteins kinase C-epsilon and enhances vasopressin-stimulated Na ⁺ absorption in rabbit cortical collecting duct" J. Clin. Invest. 95(6):2749-56	
	285	Dobrikova, E.Y., et al. (1996) "T7 DNA-dependent RNA polymerase can transcribe RNA from tick-borne encephalitis virus (TBEV) cDNA with SP6 promoter," FEBS Lett. 382(3):327-9	
	286	Dolnick, B.J. (1997) "Naturally occurring antisense RNA," Pharmacol. Ther. 75(3):179-84	
	287	Donahue C.P. et al. (1997) "Kinetics of Hairpin Ribozyme Cleavage in Yeast" RNA 3:961-973	

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	288	Dougherty, W.G., et al. (1997) "Transgene and Gene Suppression: telling us something new?" Current Opinion in Cell Biology, Current Biology, UK, 7:399-405	
	289	Dronkert, M.L. (2000) "Mouse RAD54 affects DNA double-strand break repair and sister chromatid exchange," Mol. Cell. Biol. 20(9):3147-56	
	290	Eckner et al. (1991) "Mature mRNA 3' End Formation Stimulates RNA Export From the Nucleus," EMBO J. 10:3513-3522	
	291	Egli and Braus (1994) "Uncoupling of mRNA 3' Cleavage and Polyadenylation by Expression of a Hammerhead Ribozyme in Yeast," J. Biol. Chem. 269:27378-27383	
	292	Elroy-Stein, O., and Moss, B. (1990) "Cytoplasmic expression system based on constitutive synthesis of bacteriophage T7 RNA polymerase in mammalian cells," Proc. Natl. Acad. Sci. U.S.A. 87(17):6743-7	
	293	Escudé, C., et al. (1996) "Stable triple helices formed by oligonucleotide N3'-->P5' phosphoramidates inhibit transcription elongation," Proc. Natl. Acad. Sci. U.S.A. 93(9):4365-9	
	294	Exhibit A from Benitec Australia Ltd. v. Nucleonics, Inc., Civil Litigation Action No. 04-174 (D. Del.) (JJF), filed March 22, 2004; Exhibit A, 380 pages, submitted January 28, 2005	
	295	Exhibit B from Benitec Australia Ltd. v. Nucleonics, Inc., Civil Litigation Action No. 04-174 (D. Del.) (JJF), filed March 22, 2004; Exhibit B, 20 pages, submitted January 28, 2005	
	296	European Search Report issued for EP05016726, completed on March 8, 2006	
	297	Ex Parte Reexamination Interview Summary issued October 25, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	298	Faruqi, T.R., and DiCorleto, P.E. (1997) "IFN-gamma inhibits double-stranded RNA-induced E-selectin expression in human endothelial cells," J. Immunol. 159(8):3989-94	

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	Examiner Name	Schnizer, Richard A.
	Attorney Docket No.	0763/74768-BAA- PCT-US/JPW/GJG/JRM

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	299	Faske, M. et al. (1997) "Transgenic Tobacco Plants Expressing Pea Chloroplast <i>Nmdh</i> cDNA in Sense and AntiSense Orientation," Plant Physiol., Am. Soc. Of Plant Physiologists, Lancaster, PA, 115:705-715	
	300	Fiaschi, T., et al. (1997) "The 5'-untranslated region of the human muscle acylphosphatase mRNA has an inhibitory effect on protein expression," FEBS Lett. 417(1):130-4	
	301	File of Re-examination Control No. 90/007,247, filed October 4, 2004 including all references cited and disclosed, rejections and arguments therein (reexamination of U.S. Patent No. 6,573,099, issued June 3, 2003 from U.S. Serial No. 09/100,812 which is a parent of the subject application)	
	302	File of Re-examination Control No. 90/008,096, filed May 18, 2006 including all references cited and disclosed, rejections and arguments therein (reexamination of U.S. Patent No. 6,573,099, issued June 3, 2003 from U.S. Serial No. 09/100,812 which is a parent of the subject application)	
	303	Fire et al. (1998) "Potent and Specific Genetic Interference by Double-Stranded RNA in <i>Caenorhabditis elegans</i> " Nature 391:806-822	
	304	Finkler, A., et al. (1992) "Immunity and resistance to the KP6 toxin of <i>Ustilago maydis</i> ," Mol. Gen. Genet. 233(3):395-403	
	305	Flavell, R.B. (1994) "Inactivation of Gene Expression in Plants as a Consequence of Specific Sequence Duplication" PNAS 99:3490-3496	
	306	EPO Form 2001 dated July 16, 2007 in connection with European Patent Application No. 05013010.3	
	307	EPO Form 2906 dated July 16, 2007 in connection with European Patent Application No. 05013010.3	
	308	Fuerst, T.R., et al. (1986) "Eukaryotic transient-expression system based on recombinant vaccinia virus that synthesizes bacteriophage T7 RNA polymerase," Proc. Natl. Acad. Sci. U.S.A. 83(21):8122-6	
	309	Gao, L., et al. (1997) "Human genes encoding U3 snRNA associate with coiled bodies in interphase cells and are clustered on chromosome 17p11.2 in a complex inverted repeat structure," Nucleic Acids Res. 25(23):4740-7	

**EXAMINER
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	310	Garcia et al. (2004) "A Classical Arabinogalactan Protein in Essential for the Initiation of Female Gametogenesis in Arabidopsis" The Plant Cell 16:2614-28	
	311	Garrick, D., Fiering, S., Martin, D.I. and Whitelaw, E. (1998) "Repeat-Induced Gene Silencing in Mammals", Nature Genetics 18(1): 56-59	
	312	Gessani, S., et al. (1989) "Activators of protein kinase C enhance accumulation of interferon-beta mRNA in murine cell lines," J. Interferon Res. 9(5):543-50	
	313	Gilbert, S.F. (1997) "Development Biology," 5th ed., Sinauer Associates Inc., Sunderland, MA, pubs.	
	314	Gimmi, E.R., et al. (1989) "Alterations in the pre-mRNA topology of the bovine growth hormone polyadenylation region decrease poly(A) site efficiency," Nucleic Acids Res. 17(17):6983-98	
	315	Giovannangeli, C., et al. (1997) "Accessibility of nuclear DNA to triplex-forming oligonucleotides: the integrated HIV-1 provirus as a target," Proc. Natl. Acad. Sci. U.S.A. 94(1):79-84	
	316	Goodwin et al. (1996) "Genetic and Biochemical Dissection of Transgenic RNA-Mediated Virus Resistance" Plant Cell 8:95-105	
	317	Graham, G. (1990) "RNA transcripts of the human immunodeficiency virus transactivation response element can inhibit action of the viral transactivator" Proc. Nat'l Acad. Sci. USA 87:5817-5821	
	318	Graham, G.J., and Maio, J.J. (1992) "A rapid and reliable method to create tandem arrays of short DNA sequences," Biotechniques 13(5):780-9	
	319	Graham, M.W. et al. (1996) "Co-suppression, Anti-Sense and Synthetic Viral Resistance: a Common Mechanism!" Symposium 4-3, Abstract for talk given by Michael Graham at the Lorne Genome Conference, Victoria, Australia, February 1996	
	320	Groger, R.K., et al. (1989) "Directional antisense and sense cDNA cloning using Epstein-Barr virus episomal expression vectors," Gene 81(2):285-94	

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	321	Gunsalus, K.C., and Piano, F. (2005) "RNAi as a tool to study cell biology: building the genome-phenome bridge" Curr. Opin. Cell. Biol. 17(1):3-8	
	322	Guo et al. (2003) "A Chemical Regulated Inducible RNAi System in Plants" The Plant Journal 34:383-92	
	323	Hacker, A., et al. (1995) "Expression of Sry, the mouse sex determining gene," Development 121(6):1603-14	
	324	Haines, D.S., et al. (1991) "Cellular response to double-stranded RNA," J. Cell. Biochem. 46(1):9-20	
	325	Hama et al. (1990) "Organization of the Replication Control Region of Plasmid Collb-P9" Journal of Bacteriology 1983-1991	
	326	Hamilton et al. (1990) "Antisense Gene That Inhibits Synthesis of the Hormone Ethylene in Transgenic Plants" Nature 346:284-287	
	327	Harbinder, S., et al. (1997) "Genetically targeted cell disruption in Caenorhabditis elegans," Proc. Natl. Acad. Sci. U.S.A. 94(24):13128-33	
	328	Harcourt, B.H., et al. (1998) "Ebola virus inhibits induction of genes by double-stranded RNA in endothelial cells," Virology 252(1):179-88	
	329	Harfe, B.D., et al. (1998) "Analysis of a Caenorhabditis elegans Twist homolog identifies conserved and divergent aspects of mesodermal patterning," Genes Dev. 12(16):2623-35	
	330	Haseloff et al. (1988) "Simple RNA Enzymes With New and Highly Specific Endonuclease Activities," Nature 334:585-591	
	331	Heard, D.J., et al. (1995) "An upstream U-snrRNA gene-like promoter is required for transcription of the Arabidopsis thaliana 7SL RNA gene," Nucleic Acids Res. 23(11):1970-6	
	332	Henderson, S.T., and Petes, T.D. (1993) "Instability of a plasmid-borne inverted repeat in Saccharomyces cerevisiae," Genetics 134(1):57-62	

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	333	Hergersberg, M. (1998) Inaugural Dissertation, Universität Koln	
	334	Hirashima, A., et al. (1986) "Engineering of the mRNA-interfering complementary RNA immune system against viral infection," Proc. Natl. Acad. Sci. U.S.A. 83(20):7726-30	
	335	Hirashima, A., et al. (1989) "Artificial immune system against viral infection involving antisense RNA targeted to the 5'-terminal noncoding region of coliphage SP RNA," J. Biochem. 106(1):163-6	
	336	Hobbs et al. (1990) "The Effect of T-DNA Copy Number, Position and Methylation on Reporter Gene Expression in Tobacco Transformants" Plant Mol. Biol. 15:851-864	
	337	Homann, M., et al. (1996) "Dissociation of long-chain duplex RNA can occur via strand displacement in vitro: biological implications" Nucleic Acids Res. 24(22):4395-4400	
	338	Housekeeping Amendment submitted November 27, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	339	Imazeki, F., et al. (1988) "Integrated structures of duck hepatitis B virus DNA in hepatocellular carcinoma," J. Virol. 62(3):861-5	
	340	Ingelbrecht et al. (1994) "Postranscriptional Silencing of Reporter Transgenes in Tobacco Corrects with DNA Methylation" 91:10502-10506	
	341	In re Opposition to Australian Patent Application No. 743316, Declaration of Dr. Peter Waterhouse	
	342	In re Opposition to Australian Patent Application No. 743316, Declaration of Dr. Robert de Feyter	
	343	In re Opposition to Australian Patent Application No. 743316, Statement of Grounds and Particulars of Opposition	
	344	In re Opposition to Australian Patent Application No. 743316, Statutory Declaration of Dr. Michael Wayne Graham	

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	348	In re Opposition to Australian Patent Application No. 743316, Statutory Declaration of Ming-Bo Wang	
	349	In re Opposition to Australian Patent Application No. 743316, Statutory Declaration of Neil Andrew Smith	
	350	In re Opposition to Australian Patent Application No. 743316, Statutory Declaration of William John Pickering	
	351	International Preliminary Report on Patentability issued by the International Bureau of WIPO on March 13, 2006 in connection with International Application No. PCT/AU2004/001237	
	352	International Search Report mailed on October 16, 2000, for PCT application no. PCT/IB00/01133 filed August 14, 2000	
	353	International Search Report issued by the International Searching Authority (ISA/AU) on October 20, 2004 in connection with International Application No. PCT/AU2004/001237	
	354	Interview Summary issued January 11, 2001 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	355	Interview Summary issued September 18, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	356	Interview Summary issued November 6, 2006 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	357	Interview Summary issued March 2, 2007 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	

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	359	Interview Summary issued July 6, 2007 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	360	Interview Summary issued July 6, 2007 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	361	Interview Summary issued November 30, 2007 in connection with U.S. Application 09/287,632, filed April 7, 1999	
	362	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	363	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	364	Interview Summary issued December 11, 2007 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	
	365	Interview Summary issued June 2, 2006, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	366	Interview Summary issued July 29, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	367	Interview Summary of September 5, 2002 Interview in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	368	Interview Summary for February 1, 2008 Interview in connection with U.S. Application 11/364,183, filed March 1, 2006	
	369	Itaya A et al., (2001) "Potato spindle tuber viroid as Inducer of RNA Silencing in Infected Tomato," Mol. Plant Microbe In. 14(11):1332-1334	
	370	James, W. (1991) "Towards gene-inhibition therapy: a review of progress and prospects in the field of antiviral antisense nucleic acids and ribozymes," Antivir. Chem. Chemother. 2(4):191-214	

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	371	Jorgensen, R. (1990) "Altered Gene Expression in Plants Due to Trans Interactions Between Homologous Genes" Trends in Biotechnology 8(12): 340-344	
	372	Jorgensen et al. (1987) "T-DNA is Organized Predominantly In Inverted Repeat Structures in Plants Transformed with Agrobacterium Tumefaciens C58 Derivatives" Mol. Gen. Genet. 207:471-477	
	373	Kawcheck et al. (1991) "Sense and Antisense RNA-Mediated Resistance to Potato Leafroll Virus in Russet Burbank Potato Plants" 4:247-253	
	374	Kelton, C.A., et al. (1992) "The cloning of the human follicle stimulating hormone receptor and its expression in COS-7, CHO, and Y-1 cells," Mol. Cell. Endocrinol. 89(1-2):141-51	
	375	Klauff, P., et al. (1996) "RNA structure and the regulation of gene expression," Plant Mol. Biol. 32(1-2):89-106	
	376	Krystal, G.W., et al. (1990) "N-myc mRNA forms an RNA-RNA duplex with endogenous antisense transcripts," Mol. Cell. Biol. 10(8):4180-91	
	377	Kuipers et al. (1995) "Factors Affecting the Inhibition by Antisense RNA of Granule-Bound Starch Synthase Gene Expression in Potato" Mol. Gen. Genet. 246:745-755	
	378	Kubo et al. (1989) "mRNA Secondary Structure in an Open Reading Frame Reduces Translation Efficiency in Bacillus subtilis" Journal of Bacteriology 171:4080-4082	
	379	Kumagai et al. (1995) "Cytoplasmic Inhibition of Carotenoid Biosynthesis With Virus-Derived RNA" Genetics 92:1679-1683	
	380	Lee, S.W., et al. (1996) "The hemagglutinin genes hagB and hagC of Porphyromonas gingivalis are transcribed in vivo as shown by use of a new expression vector," Infect. Immun. 64(11):4802-10	
	381	Lee et al. (2003) "Making a Better RNAi Vector for Drosophila: Use of Intron Spacers" Methods 30:322-9	
	382	Leech et al. (1993) "Expression of myb-related Genes in the Moss, Physcomitrella patens" The Plant Journal 3:51-61	

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	383	Levin, J.Z., et al. (2000) "Methods of double-stranded RNA-mediated gene inactivation in <i>Arabidopsis</i> and their use to define an essential gene in methionine biosynthesis" Plant Mol. Biol. 44(6):759-775	
	384	Letter to Examiner submitted March 1, 2006, including a copy of a communication from the Australian Patent Office in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	385	Li et al. (2005) "The Cotton ACTIN1 Gene is Functionally Expressed in Fibers and Participates in Fiber Elongation" The Plant Cell 17:859-75	
	386	U.S. Serial No. 09/056,767, filed April 8, 1998, including complete file history	
	387	Lindbo & Dougherty (1992) "Pathogen-Derived Resistance to a Potyvirus: Immune and Resistant Phenotypes in Transgenic Tobacco Expressing Altered Forms of a Potyvirus Coat Protein Nucleotide Sequence" Mol. Plant Micr. Int. 5:144-153	
	388	Lindbo & Dougherty (1992) "Untranslatable Transcripts of the Tobacco Etch Virus Coat Protein Gene Sequence Can Interfere With Tobacco Etch Virus Replication in Transgenic Plants and Protoplasts" Virology 189:725-733	
	389	Lindbo, John et al. (2001) "Virus-Mediated Reprogramming of Gene Expression in Plants" Current Opinion in Plant Biology, 4:181-185	
	390	Liu, Z. et al. (1994) "An Efficient New Method to Inhibit Gene Expression" Molecular Biotechnology 2:107, 109-118	
	391	U.S. Serial No. 09/127,735, filed August 3, 1998, including complete file history	
	392	Liu, Z. et al. (1994) "Nuclear Antisense RNA: An Efficient New method to Inhibit Gene Expression," Molecular Biotechnology 2: 107-118	
	393	Liu, Z. et al. (1994) "Targeted Nuclear Antisense RNA Mimics Natural Antisense-Induced Degradation of Polyoma Virus Early RNA" PNAS 91:4258-4262	
	394	Longstaff et al. (1993) "Extreme Resistance to Potato Virus X Infection in Plants Expressing a Modified Component of the Putative Viral Replicase" EMBO J. 12:379-386	
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	395	Liziewicz et al. (1991) "Tat-Regulated Production of Multimerized TAR RNA Inhibits HIV-I Gene Expression" The New Biologist 3:82-89												
	396	Lo et al. (1992) "Inhibition of Replication of HIB-1by Retroviral Vectors Expressing tat-Antisense an Anti-tat Ribozyme RNA" Virology 190:176-183												
	397	Lovett et al. (1990) "Translational Attenuation as the Regulator of Inducible cat Genes" Journal of Bacteriology 172:1-6												
	398	Macé, K., and Gazzolo, L. (1991) "Interferon-regulated viral replication in chronically HIV1-infected promonocytic U937 cells" Res Virol. 42(2-3):213-20												
	399	Marathe, R.P (1997) "CIS-Repeat Induced Gene Silencing in Tobacco," Ph.D. Thesis, University of South Carolina												
	400	Marathe, R.P. et al. (1997) "Cis Repeat Induced Gene Silencing in Tobacco," Abstract P10141												
	401	Matthieu, J.M., et al. (1992) "Myelin-deficient mutant mice. An in vivo model for inhibition of gene expression by natural antisense RNA" Ann. N.Y. Acad. Sci. 660:188-92												
	402	Mayne, L.V., et al. (1988) "SV 40-transformed normal and DNA-repair-deficient human fibroblasts can be transfected with high frequency but retain only limited amounts of integrated DNA" Gene 66(1):65-76												
	403	McCormack, S.J., et al. (1992) "Mechanism of interferon action: identification of a RNA binding domain within the N-terminal region of the human RNA-dependent P1/eIF-2 alpha protein kinase," Virol. 188(1):47-56												
	404	McNair, A.N., et al. (1994) "Hepatitis delta virus replication in vitro is not affected by interferon-alpha or -gamma despite intact cellular responses to interferon and dsRNA," J. Gen. Virol. 75(Pt. 6):1371-8												
	405	Memelink et al. (1992) "Structure and Regulatin of Tobacco Extension" The Plant Journal 4:1011-1012												
EXAMINER SIGNATURE		DATE CONSIDERED												
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	406	Mercola, D., and Cohen, J.S. (1995) "Antisense approaches to cancer gene therapy," Cancer Gene Ther. 2(1):47-59	
	407	Mette, et al. (1999) "Production of Aberrant Promoter Transcripts Contributes to Methylation and Silencing of Unlinked Homologous Promoters in trans," The EMBO Journal 18:241-248	
	408	Mette, M.F., et al. (2000) "Transcriptional silencing and promoter methylation triggered by double-stranded RNA," EMBO J. 19(19):5194-201	
	409	Meyer, P. (1995) "Understanding and Controlling Transgene Expression" TIBTECH 13:332-337	
	410	Meyer, P. (1996) "Homology-Dependent Gene Silencing in Plants" Ann. Rev. Plant Physiol. Plant Mol. Biol. 47:23-48	
	411	Mikoshiba, K., et al. (1990) "Chimeric and molecular genetic analysis of myelin-deficient (shiverer and mld) mutant mice," Ann. N.Y. Acad. Sci. 605:166-82	
	412	Miller et al. (1991) "A Satellite RNA of Barley Yellow Dwarf Virus Contains a Novel Hammerhead Structure in the Self-Cleavage Domain" Virology 183:711-720	
	413	Minutes of Oral Proceeding dated July 12, 2005, filed in EP 99 910 039.9	
	414	Morishita, R., et al. (1996) "Role of transcriptional cis-elements, angiotensinogen gene-activating elements, of angiotensinogen gene in blood pressure regulation," Hypertension 27(3 Pt. 2):502-7	
	415	Morris, K.V., et al. (2004) "Small interfering RNA-induced transcriptional gene silencing in human cells," Science 305(5688):1289-92	
	416	Mueller, E., et al. (1995) "Homology-dependent Resistance--Transgenic Virus Resistance in Plants Related to Homology-Dependent Gene Silencing" The Plant Journal 7(6): 1001-1013	
	417	Nagy, E., Rigby, W.F. (1995) "Glyceraldehyde-3-phosphate dehydrogenase selectively binds AU-rich RNA in the NAD(+)-binding region (Rossmann fold)," J. Biol. Chem. 270(6):2755-63	

**EXAMINER
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	418	Ngo, V.N., et al. (2006) "A loss-of-function RNA interference screen for molecular targets in cancer," Nature 441:106-110	
	419	Noguchi, M., et al. (1994) "Characterization of an antisense Inr element in the eIF-2 alpha gene," J. Biol. Chem. 269(46):29161-7	
	420	Notice of Allowability, including Examiner's Amendment and Examiner's Statement of Reasons for Allowance issued November 20, 2002 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	
	421	Notice of Allowability, including Examiner's Statement of Reasons for Allowance issued July 11, 2006 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
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	426	Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Protein Sequence Disclosures issued October 27, 2005 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	427	Notice of Non-Compliant Amendment issued June 22, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	428	O'Brien et al. (2002) "Molecular Analysis of the Stylar-Expressed Solanum Chacoense Small Asparagine-rich Protein Family Related to the HT Modifier of Gametophytic Self-Incompatibility in Nicotiana" The Plant Journal 22:985-96	
	429	Office Action issued December 2, 1999 in connection with U.S. Serial No. 09/100,812, filed June 19, 1998	

**EXAMINER
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	442	Office Action issued June 29, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
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	458	Office Action issued August 28, 2006 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	459	Office Action issued October 31, 2006 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	460	Office Action issued November 29, 2006 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	

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	464	Office Action issued January 24, 2007 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	465	Office Action issued January 30, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	466	Office Action issued February 6, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
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	469	Office Action issued April 18, 2007 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	470	Office Action issued April 25, 2007 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	
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	482	Office Action issued July 10, 2007 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	483	Office Action issued July 24, 2007 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	484	Office Action issued September 17, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
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	487	Office Action issued July 16, 2002 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
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	492	Order Granting / Denying Request For Ex Parte Reexamination issued July 20, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	493	Paddison, P.J., et al. (2002) "Stable suppression of gene expression by RNAi in mammalian cells," Proc. Natl. Acad. Sci. U.S.A. 99:1443-1448	
	494	Paddison, P.J., et al. (2004) "A resource for large-scale RNA interference-based screens in mammals" Nature 428:427-431	
	495	Palmiter, R.D., et al. (1984) "Transmission distortion and mosaicism in an unusual transgenic mouse pedigree," 36(4):869-77	
	496	Pang et al. (1996) "Post-transcriptional Transgene Silencing and Consequent Tospovirus Resistance in Transgenic Lettuce are Affected by Transgene Dosage and Plant Development" Plant J. 9:899-909	
	497	Papefthimiou et al. (2001) "Replicating potato spindle tuber viroid RNA is accomplished by short RNA fragments that are characteristic of post-transcriptional gene silencing," Nucleic Acids Res. 29(11):2395-2400	
	498	Parrish, S. et al. (2000) "Functional Anatomy of a dsRNA Trigger: Differential Requirement for the Two Trigger Strands in RNA Interference" Mol. Cell 6:1077-1087	
	499	Pe'ery, T., and Mathews, M.B. (1997) "Synthesis and purification of single-stranded RNA for use in experiments with PKR and in cell-free translation systems," Methods 11(4):371-81	
	500	Perkel, J.M. (2006) "Off-Target Effects Plague Drosophila RNAi" The Scientist, pp. 1-5	
	501	Petition for Extension of Time Under 37 C.F.R. 1.550(c) submitted October 11, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	

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	509	Petition To Correct Inventorship Pursuant To 37 C.F.R. 1.48(a) submitted September 13, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	510	Petition to Make Special Under 37 CFR 1.102(d) submitted July 28, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	511	Peyman (1997) <i>Basic Science of Vascular Disease</i> (Chapter 17, p. 17)	
	512	Polyadenylation, Wikipedia, 3 pages, http://en.wikipedia.org/wiki/Polyadenylation (February 20, 2007)	
	513	Polyadenylation, Wikipedia, 3 pages, http://en.wikipedia.org/wiki/Polyadenylation (February 20, 2007) (redacted)	

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	514	Powell et al. (1990) "Protection Against Tobacco Mosaic Virus Infection in Transgenic Plants Requires Accumulation of Coat Protein Rather than Coat Protein RNA Sequences" Virology 175:124-130	
	515	Powell-Abel et al. (1986) "Delay of Disease Development in Transgenic Plants that Express the Tobacco Mosaic Virus Coat Protein Gene" Science 232:738-743	
	516	Prasad, B.V., et al. (1996) "Visualization of ordered genomic RNA and localization of transcriptional complexes in rotavirus" Nature 382(6590):471-473	
	517	Pratt, G., et al. (1988) "Regulation of in vitro translation by double-stranded RNA in mammalian cell mRNA preparations," Nucleic Acids Res. 16(8):3497-510	
	518	Proud et al. (1995) "PKR: a New Name and New Roles" TIBS 241-246	
	519	Amendment submitted November 22, 2006 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	520	Amdment submitted May 10, 2006, in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
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**Form PTO-1449 (Substitute) U.S. Department of Commerce
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INFORMATION DISCLOSURE STATEMENT
 (Use several sheets if necessary)

Application Number	10/821,710
Filing Date	April 8, 2004
First Named Inventor	Michael Wayne Graham and Robert Norman Rice
Art Unit	1635
Examiner Name	Schnizer, Richard A.
Attorney Docket No.	0763/74768-BAA- PCT-US/JPW/GJG/JRM

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	527	Amendment submitted June 11, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	528	Amendment submitted March 5, 2001 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	529	Amendment submitted August 21, 2000 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	530	Amendment submitted January 10, 2008 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	531	Preliminary Amendment submitted September 20, 2000 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	532	Preliminary Amendment submitted May 14, 2001 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	533	Preliminary Amendment submitted July 30, 2001 in connection with U.S. Serial No. 09/646,807, filed December 5, 2000	
	534	Preliminary Amendment submitted May 23, 2002 in connection with U.S. Serial No. 10/152,808, filed May 23, 2002	
	535	Preliminary Amendment submitted August 22, 2003 in connection with U.S. Serial No. 10/646,070, filed August 22, 2003	
	536	Preliminary Amendment submitted January 15, 2004 in connection with U.S. Serial No. 10/759,841, filed January 15, 2004	
	537	Preliminary Amendment submitted April 8, 2004 in connection with U.S. Serial No. 10/821,726, filed April 8, 2004	
	538	Preliminary Amendment submitted July 13, 2005 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005	
	539	Preliminary Amendment To The Accompanying Divisional Application Filed Under 37 C.F.R. §1.53, Submission of Sequence Listing And Information Disclosure Statement submitted September 2, 2005 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	

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	540	Preliminary Amendment submitted December 21, 2005 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
	541	Preliminary Amendment submitted March 10, 2006, including pending claims in connection with U.S. Serial No. 10/571,384, filed as a §371 national stage of PCT International Application No. PCT/AU2004/01237	
	542	Preliminary Amendment submitted July 13, 2005 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	543	Preliminary Amendment submitted June 28, 1999 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	544	Preliminary Amendment submitted January 13, 2004 in connection with U.S. Serial No. 10/755,328, filed January 13, 2004	
	545	Preliminary Amendment submitted March 1, 2006 in connection with U.S. Serial No. 11/364,183, filed March 1, 2006	
	546	Preliminary Amendment submitted December 1, 2006 in connection with U.S. Serial No. 11/607,062, filed December 1, 2006	
	547	Preliminary Amendment submitted November 6, 2006 in connection with U.S. Serial No. 11/593,056, filed November 6, 2006	
	548	Raponi, M., and Arndt, G.M. (2003) "Double-stranded RNA-mediated gene silencing in fission yeast," Nucleic Acids Res. 31(15):4481-9	
	549	Ratcliff, F., et al. (1997) "A Similarity Between Viral Defense and Gene Silencing in Plants," Science 276(5318):1558-1560	
	550	Redenbaugh et al. (1992) "Safety Assessment of Genetically Engineered Fruits and Vegetables - A Case Study of the FlavrSavr™ Tomato," CRC Press, Boca Raton, FL	
	551	Reply to Notice of Failure to Comply with <i>Ex Parte</i> Reexamination Request Filing Requirements submitted June 14, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	552	Reply to Summons to attend Oral Proceeding filed May 13, 2005 in European Patent Application No. 99 910 039.9-2401	

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	553	Request for correction of minutes filed August 2, 2005 in EP 99 910 039.9	
	554	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) filed October 31, 2007 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	
	555	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) filed December 12, 2007 in connection with U.S. Serial No. 10/821,710, filed April 8, 2004	
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	558	Request to Correct Inventorship Under 37 C.F.R. §1.48(a) filed October 17, 2007 in connection with U.S. Serial No. 11/180,928, filed July 13, 2005	
	559	Request for Reexamination Pursuant to 35 U.S.C. §§ 302-307 and 37 C.F.R. § 1.510, submitted October 4, 2004 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	560	Request for Reexamination Pursuant to 35 U.S.C. §§ 302-307 and 37 C.F.R. §§1.502 and 1.510, submitted May 18, 2006 in connection with U.S. Reexamination No. 90/008,096, filed May 18, 2006	
	561	Resnekov, O., et al. (1989) "RNA secondary structure is an integral part of the in vitro mechanism of attenuation in simian virus 40," J. Biol. Chem. 264(17):9953-9	
	562	Reuben, M., et al. (1994) "Cloning and expression of the rabbit gastric CCK-A receptor," Biochim. Biophys. Acta 1219(2):321-7	
	563	Robertson, G., et al. (1996) "Age-dependent silencing of globin transgenes in the mouse," Nucleic Acids Res. 24(8):1465-71	
	564	Rocheleau, C.E., et al. (1997) "Wnt signaling and an APC-related gene specify endoderm in early C. elegans embryos," Cell 90(4):707-16	

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	565	Rodriguez, D., et al. (1990) "Regulated expression of nuclear genes by T3 RNA polymerase and lac repressor, using recombinant vaccinia virus vectors," J. Virol. 64(10):4851-7	
	566	Roy, P., et al. (1990) "Effect of mRNA secondary structure on the efficiency of translational initiation by eukaryotic ribosomes," Eur. J. Biochem. 191(3):647-52	
	567	Rubio et al., (1999) "Broad Spectrum Protection Against Tombusviruses Elicited by Defective Interfering RNAs in Transgenic Plants" J. Virology 73:5070-5078	
	568	Ruskin, B., and Fink, G.R. (1993) "Mutations in POL1 increase the mitotic instability of tandem inverted repeats in Saccharomyces cerevisiae," Genetics 134(1):43-56	
	569	Sabl, J.F., and Henikoff, S. (1996) "Copy number and orientation determine the susceptibility of a gene to silencing by nearby heterochromatin in Drosophila," Genetics 142(2):447-58	
	570	Sambrook, J., et al. "Molecular Cloning. A Laboratory Model," 2nd ed., pp. 16.1 to 16.81 (Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, pub.)	
	571	Samuel et al. (2002) "Double-Jeopardy: Both Overexpression and Suppression of a Redox-Activated Plant Mitogen-Activated Protein Kinase Render Tobacco Plants Ozone Sensitive" The Plant Cell 14:2059-69	
	572	Sanford, J.C., et al. (1985) "The Concept of Parasite-Derived Resistance-Deriving Resistance Genes from the Parasite's own Genome," J. Theor. Biol. 13:395-405	
	573	Savin, K.W., et al. (1995) "Antisense ACC Oxidase RNA Delays Carnation Petal Senescence," Hortscience 30(5):970-972	
	574	Scherr et al. (2003) "Gene Silencing Mediated by Small Interfering RNA's in Mammalian Cells" Current Medicinal Chemistry 10:245-256	
	575	Schiebel, W. et al. (1993a) "RNA-directed RNA Polymerase from Tomato Leaves" The Journal of Biological Chemistry 268(16):11858-11867	
	576	Schiebel, W. et al. (1993b) "RNA-directed RNA Polymerase from Tomato Leaves" The Journal of Biological Chemistry 268(16):11858-11867	

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	577	Schiedner, G., et al. (1998) "Genomic DNA transfer with a high-capacity adenovirus vector results in improved in vivo gene expression and decreased toxicity," Nat. Genet. 18(2):180-3	
	578	Schmitt, H.P., et al. (1986) "Characterization of cloned sequences complementary to F9 cell double-stranded RNA and their expression during differentiation," Differentiation 30(3):205-10	
	579	Seife et al. (2003) "Breakthrough of the Year" Science 302:2038-2045	
	580	Shaffer (2004) Biotech News 24:30	
	581	Sheehy, R.E. et al. (1998), "Reduction of Polygalacturonase Activity in Tomato Fruit by Antisense RNA" Proc. Natl. Acad. Sci, USA 85:8805-8809	
	582	Shi, Y. (2000) "Mammalian RNAi for the masses" Trends Genet. 19(1):9-12	
	583	Silva, J.M., et al. (2005) "Second-generation shRNA libraries covering the mouse and human genomes" Nat Genet. 37:1281-1288	
	584	Silverman, T.A., et al. (1992) "Role of sequences within the first intron in the regulation of expression of eukaryotic initiation factor 2 alpha," J. Biol. Chem. 267(14):9738-42	
	585	Simons, R.W. (1988) "Naturally occurring antisense RNA control-a brief review," Gene 2(1-2):35-44	
	586	Smith, Neil et al. (1994) "Transgenic Plant Virus Resistance Mediated by Untranslatable Sense RNAs: Expression, Regulation, and Fate of Nonessential RNAs" Plant Cell 6:1441-1453	
	587	Smolinski, P.A. (1995) "Double-stranded RNA induces sickle erythrocyte adherence to endothelium: a potential role for viral infection in vaso-occlusive pain episodes in sickle cell anemia," Blood 85(10):2945-50	
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	588	Smythe, J.A., and Symonds, G. (1995) "Gene therapeutic agents: the use of ribozymes, antisense, and RNA decoys for HIV-1 infection," Inflamm. Res. 44(1):11-5	
	589	Sonoda, K., et al. (1996) "Asymmetric deletion of the junction between the short unique region and the inverted repeat does not affect viral growth in culture and vaccine-induced immunity against Marek's disease," Vaccine 14(4):277-84	
	590	Stam et al. (1997) "Post-Transcriptional Silencing of Chalcone Synthase in Petunia by Inverted Transgene Repeats," The Plant Journal Vol. 12, No. 1, pp. 63-82	
	591	Statement of the Content of the Interview Under 37 C.F.R. § 1.560(b) included with the Amendment submitted August 3, 2007 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	592	Statement of the Content of the Interview Under 37 C.F.R. § 1.560(b) included with the Amendment submitted November 28, 2005 in connection with U.S. Reexamination No. 90/007,247, filed October 4, 2004	
	593	Statement setting out the Grounds of Appeal dated November 11, 2005, filed in EP 99 910 039.9	
	594	Summary of the Substance of the Interview and Comments on Examiner's Notes submitted March 16, 2007 in connection with U.S. Serial No. 90/007,247, filed October 4, 2004	
	595	Summary of Interview submitted August 6, 2004 in connection with U.S. Serial No. 09/287,632, filed April 7, 1999	
	596	Summary of the Substance of the Interview and Comments on Examiner's Notes submitted March 21, 2007 in connection with U.S. Serial No. 90/008,096, filed May 18, 2006	
	597	Sun, L.Q., et al. (1994) "Ribozyme-mediated suppression of Moloney murine leukemia virus and human immunodeficiency virus type I replication in permissive cell lines," Proc. Natl. Acad. Sci. U.S.A. 91(21):9715-9	
	598	Sun et al., (1995) "Target Sequence-Specific Inhibition of HIV-1 Replication by Ribozymes Directed to tat RNA" Nucleic Acids Research 23:2909-2913	

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	599	Swaney, S. et al. (1995) "RNA-Mediated Resistance with Nonstructural Genes from the Tobacco Etch Virus Genome," MPMI 8(6):1005-1011	
	600	Sweetser, D.A., et al. (1988) "Transgenic mice containing intestinal fatty acid-binding protein-human growth hormone fusion genes exhibit correct regional and cell-specific expression of the reporter gene in their small intestine," Proc. Natl. Acad. Sci. U.S.A. 85(24):9611-5	
	601	Symington, L.S. (2002) "Role of RAD52 epistasis group genes in homologous recombination and double-strand break repair," Microbiol. Mol. Biol. Rev. 66(4):630-70	
	602	Tabara (1998) Science 282:369	
	603	Tabara, H., et al. (1998) "RNAi in C. elegans: Soaking in the Genome Sequence," Science 282(5388):430-431	
	604	"Table describing sequences used to inhibit viral replication" as Annex A of Statement setting out the Grounds of Appeal dated November 11, 2005, filed in EP 99 910 039.9	
	605	Takahashi et al. (1997) "Development of Necrosis and Activation of Disease Resistance in Transgenic Plants with Severely Reduced Catalase Levels" The Plant Journal 11:993-1005	
	606	Tanaka, H., et al. (1994) "Sequence-specific interaction of alpha-beta-anomeric double-stranded DNA with the p50 subunit of NF kappa B: application to the decoy approach," Nucleic Acids Res. 22(15):3069-74	
	607	Tang, J.Y., et al. (1993) "Self-stabilized antisense oligodeoxynucleotide phosphorothioates: properties and anti-HIV activity" Nucleic Acids Res. 21(11):2729-2735	
	608	Tanzer, M.M., et al. (1997) "Characterization of Post-Transcriptionally Suppressed Transgene Expression that Confers Resistance to Tobacco Etch Virus Infection in Tobacco" The Plant Cell 9(8): 1411-1423	
	609	Thomas, C.L., et al. (2001) "Size constraints for targeting post-transcriptional gene silencing and for RNA-directed methylation in Nicotiana benthamiana using a potato virus X vector," Plant J. 25(4):417-25	
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	610	Thompson et al. (1995) "Improved Accumulation and Activity of Ribozyme Expressed From a tRNA-based RNA Polymerase III Promoter" Nucleic Acids Research 23:2259-2268	
	611	Timmons, L. (1998) "Specific Interference by Ingested dsRNA" Nature, Vol. 395:854	
	612	Tosic, M., et al. (1990) "Post-transcriptional events are responsible for low expression of myelin basic protein in myelin deficient mice: role of natural antisense RNA," EMBO J. 9(2):401-6	
	613	Usdin, T.B., et al. (1993) "SP6 RNA polymerase containing vaccinia virus for rapid expression of cloned genes in tissue culture," Biotechniques 14(2):222-4	
	614	U.S. Serial No. 11/364,183, filed March 1, 2006, including complete file history	
	615	U.S. Serial No. 10/755,328, filed January 13, 2004, including complete file history;	
	616	U.S. Serial No. 09/287,632, filed April 7, 1999, including complete file history;	
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	618	U.S. Provisional Application No. 60/198,240, filed April 8, 1998, including complete file history;	
	619	U.S. Serial No. 11/607,062, filed December 1, 2006, including complete file history;	
	620	U.S. Serial No. 11/841,737, including complete file history;	
	621	Vaish et al. (1998) "Recent Developments in the Hammerhead Ribozyme Field" Nucleic Acids Res. 26:5237-5242	

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	622	Van Blokland et al. (1996) "Post-Transcriptional Suppression of Chalcone Synthase Genes in <i>Petunia Hybrida</i> and the Accumulation of Unspliced pre-mRNA, Mechanisms and Applications of Gene Silencing"	
	623	Van Blokland, R. et al. (1994) "Transgene-mediated Suppression of Chalcone Synthase Expression in <i>Petunia hybrida</i> Results from an increase in RNA Turnover" <i>The Plant Journal</i> 6(6)861-877	
	624	van Eldik et al. (1998) "Silencing of β -1,3-glucanase Genes in Tobacco Correlates With an Increased Abundance of RNA Degradation Intermediates," <i>Nucleic Acids Res</i> 26:5176-5181	
	625	van Houdt et al. (1997) "Post-Transcriptional Silencing of a Neomycin Phosphotransferase II Transgene Correlates With the Accumulation of Unproductive RNAs and With Increased Cytosine Methylation of 3' Flanking Regions," <i>Plant Journal</i> 12:379-392	
	626	Van Steeg, H., et al. (1991) "The translation in vitro of rat ornithine decarboxylase mRNA is blocked by its 5' untranslated region in a polyamine-independent way," <i>Biochem J.</i> 274 (Pt. 2):521-6	
	627	Vaucheret et al. (1992) "Inhibition of Tobacco Nitrite Reductase Activity by Expression of Antisense RNA" <i>The Plant Journal</i> 2:559-569	
	628	Vickers, T.A., et al. (2003) "Efficient Reduction of Target RNAs by Small Interfering RNA and RNase H-dependent Antisense Agents. A comparative analysis" <i>J. Biol. Chem.</i> 278(9):7108-7118	
	629	Volloch, V.Z., et al. (1994) "Evolutionarily conserved elements in the 5' untranslated region of beta globin mRNA mediate site-specific priming of a unique hairpin structure during cDNA synthesis," <i>Nucleic Acids Res.</i> 22(24):5302-9	
	630	Wagner et al. (1998) "Double-stranded RNA poses puzzle" <i>Nature</i> 391:744-745	
	631	Wang, S., and Dolnick, B.J. (1993) "Quantitative evaluation of intracellular sense: antisense RNA hybrid duplexes." <i>Nucleic Acids Res.</i> 21(18):4383-4391	
	632	Wang, Z.Q., et al. (1994) "An unusual nucleoporin-related messenger ribonucleic acid is present in the germ cells of rat testis," <i>Biol. Reprod.</i> 51(5):1022-30	

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	Art Unit	1635
	Examiner Name	Schnizer, Richard A.
	Attorney Docket No.	0763/74768-BAA- PCT-US/JPW/GJG/JRM

NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	633	Wassenegger and Pelissier (1998) "A Model for RNA-Mediated Gene Silencing in Higher Plants," Plant Mol. Biol. 37:349-362	
	634	Welch P.J. et al. (1998) "Expression of Ribozymes in Gene Transfer Systems to Modulate Target RNA Levels" Current Opinion in Biotechnology 9:486-496	
	635	Wesley SV et al. (2001) "Construct design for efficient, effective and high-throughput gene silencing in plants," Plant J. 27(6):581-590	
	636	Weerasinghe et al. (1991) "Resistance to Human Immunodeficiency Virus Type 1 (HIV-1) Infection In Human CD4 Lymphocyte-Derived Cell Lines Conferred by Using Retroviral Vectors Expressing an HIV-1 RNA-Specific Ribozyme" Journal of Virology 65:5531-5534	
	637	Williams, T., and Fried, M. (1986) "A mouse locus at which transcription from both DNA strands produces mRNAs complementary at their 3' ends," Nature 322(6076):275-9	
	638	Wolffe, A.P. (1997) "Transcription control: repressed repeats express themselves," Curr Biol. 7(12):R796-8	
	639	Written Opinion mailed on March 19, 2001, for PCT application no. PCT/IB00/01133 filed August 14, 2000	
	640	Written Opinion of the International Searching Authority issued by the International Preliminary Examining Authority (IPEA/AU) on October 20, 2004 in connection with International Application No. PCT/AU2004/001237	
	641	Wu, C., et al. (1994) "Interferon-stimulated response element and NF kappa B sites cooperate to regulate double-stranded RNA-induced transcription of the IP-10 gene," J. Interferon Res. 14(6):357-63	
	642	Wu, S., and Kaufman, R.J. (1996) "Double-stranded (ds) RNA binding and not dimerization correlates with the activation of the dsRNA-dependent protein kinase (PKR)," J. Biol. Chem. 271(3):1756-63	
	643	Xiong, Y., et al. (1995) "Signaling properties of mouse and human corticotropin-releasing factor (CRF) receptors: decreased coupling efficiency of human type II CRF receptor," Endocrinology 136(5):1828-34	
	644	Xu, M., et al. (1989) "Immunoglobulin kappa gene expression after stable integration. II. Role of the intronic MAR and enhancer in transgenic mice," J Biol Chem. 264(35):21190-5	

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INFORMATION DISCLOSURE STATEMENT
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	645	Yarney, T.A., et al. (1993) "Molecular cloning and expression of the ovine testicular follicle stimulating hormone receptor," Mol. Cell. Endocrinol. 93(2):219-26	
	646	Yu, M., et al. (1994) "Progress towards gene therapy for HIV infection," Gene Ther. 1(1):13-26	
	647	Yu et al. (1995) "In Vitro and in Vivo Characterization of a Second Functional Hairpin Ribozyme Against HIV-1" Virology 26:381-386	
	648	Zakharian, R.A., et al. (1986) "[Stimulation by double-stranded RNA of the transformation of pro- and eukaryotic cells]," Dokl. Akad. Nauk. SSSR 288(5):1251-3	
	649	Zhang et al. (2004) "Single Processing Center Models for Human Dicer and Bacterial RNase III," Cell (118): 57-68	
	650	Zhao, Y. et al. (2001) "Use of a vector based on <i>Potato Virus X</i> in a whole plant assay to demonstrate nuclear targeting of <i>Potato spindle tuber viroid</i> ," J. Gen. Virol. 82:1491-1497	
	651	Zhou et al. (1994) "Inhibition of HIV-1 in Human T-Lymphocytes by Retrovirally Transduced anti-tat and rev Hammerhead Ribozymes" Gene 149:33-39	
	652	Zrenner et al. (1995) "Evidence of the Crucial Role of Sucrose Synthase for Sink Strength Using Transgenic Potato Plants" The Plant Journal 7:97-107	
	653	Alberts, B., et al. (1989) "Molecular Biology of the Cell" 2nd ed., pp.102, 486487 and 532-535 (Garland Publishing, Inc., New York, NY, pubs.)	
	654	Jin, Z., et al. (1991) "Expression of firefly luciferase gene in <i>Xenopus laevis</i> oocyte," Chin. J. Biotechnol. 7(4):279-84	
	655	Amendment submitted February 15, 2008 in connection with U.S. Serial No. 11/179,504, filed July 13, 2005, including Exhibit A	
	656	Amendment submitted February 19, 2008 in connection with U.S. Serial No. 11/218,999, filed September 2, 2005	

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